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## How to Initiate a Serial Connection to Manus

### I. Purpose:

Describes the procedure to initiate a serial connection to the Manus data system from stateside.

### II. Cautions and Hazards:

None.

### III. Requirements:

- PC Everything modem (external)
- Analog telephone/modem line
- Tera Term Pro (freeware available via the internet) or other terminal emulation software

### IV. Procedure:

#### A. Serial Connection Procedure:

1. Start Tera Term Pro software by specifying "New Connection" and select "Serial" and the appropriate COM port on the window on the screen.
  - If you do not know the appropriate COM port contact A. Koontz
2. Use the "Setup" menu on the Tera Term Pro window and select the Serial port option to set the line speed to 2400 baud.
3. In the Tera Term Pro window, type the following commands:
  - `ats9=15`  
`ats10=20`  
`ats27=100`  
`at&N3`  
`ats7=90`
  - You should see an "OK" after each of these commands.
  - The above commands specify various delays and options, for more specific information refer to Hayes compatible modem documentation.
4. Initiate phone call, the dial command looks like:

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- atdt9, 011, 6754709193 (the commas are “pauses”)
  - The call takes time to connect, when modems connects you will see “CONNECT 2400” on your screen.
  - If you see miscellaneous characters on your screen, you have an inadequate connection, disconnect and try again.
5. Log onto the terminal server. You will be prompted for a username.
    - username: arcs1ppp
    - password: if unknown, contact A. Koontz
  6. Telnet Adam1 (or Eve1) using the appropriate address:  
telnet 198.252.143.16
  7. “Keep Out” warning will appear on screen, then you will be prompted to enter a userid/password.
    - username: adamgr
    - password: if unknown, contact A. Koontz
  8. You can now work on Adam (check systems, etc.)
  9. To logout, first type “Exit” to logoff of Adam1, then logoff of the terminal server. You should see “NO CARRIER” on your screen.

**V. References:**

None.

**VI. Attachments:**

None.